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# PATENT ABSTRACTS OF JAPAN

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## (54) LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD THEREFOR

### (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a narrow frame liquid crystal panel to meet the strong requirements that a display device for a cellular phone is preferably a small, light, and thin type.

**SOLUTION:** All the electrode terminals are gathered on one side of the liquid crystal panel so as to correspond to be of a single side mounting, by forming conversion wiring on the same resin layer as a resin layer with rugged cross sectional form serving also as a ground of a reflecting electrode.

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